



Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

Applicant

Cao

Filing Date

Group Art Unit

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RLING DATE IF APPROPRIATE
	6,200,134	3/13/2001	Kovac et al	433	29	1/20/96
	5,753,726	3/2/1999	Yarborough	322	218	9/6/1996
	6,354,366	7/3/2001	Yarborough	433	218	2/2/1996
	6,321,111	12/18/2001	Cao	433	29	8/24/1999
	4,221,504	9/9/1989	Frederick et al	318	234	
	4,666,406	5/19/1987	Kence III	433	720	
	4,636,065	6/14/1990	Murata	312	980	
	4,963,796	10/16/1990	McDermott	318	312	
	4,965,217	12/5/1991	Oster	372	187	
	5,155,761	5/26/1992	Hood	116	641	
	5,125,845	6/23/1992	Vassiladis et al	433	218	
	5,181,679	11/10/1992	McDermott	363	206	
	5,214,686	5/25/1993	Oster	372	23	
	5,233,263	6/3/1993	Kennedy	339	13	
	5,375,664	10/1/1994	Vassiladis et al	433	226	
	5,415,643	5/18/1995	Rosenfeld Jr.	433	29	
	5,420,796	5/28/1995	Kennedy	363	199	
	5,472,991	12/5/1995	Schmitt et al	822	4	
	5,590,683	8/27/1996	Oster	372	34	
	5,616,141	4/10/1997	Cipolla	606	18	
	5,893,729	5/8/1998	Talmonman	433	28	
	5,926,764	12/26/1998	Oster et al	522	4	
	6,262,013	8/28/2001	Johr et al	334	308	
	5,834,711	6/3/1997	Kennedy et al	262	118	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999)

EXAMINER

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 JC888 U.S. PTO  
10/072302

02/05/02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	"All-Cure Standard and Custom Dental Curing Lightguides" (1 page) (Printout from <a href="http://www.all-cure.com">www.all-cure.com</a> )
	"Welcome to Bonart Medical Supply" (2 pages) (printout from <a href="http://www.bonartmed.com">www.bonartmed.com</a> )
	"Bonart" (4 pages listing dental equipment including ART-L1 "High Power Light Curing Unit") (printout from <a href="http://www.bonartmed.com">www.bonartmed.com</a> )
	"Dentamerica - Lilex" (2 pages discussing Lilex 680A, Lilex 682, and Lilex 692 curing lights) (printout from <a href="http://www.dentamerica.com">www.dentamerica.com</a> )
	"Problems with the Apollo E curing light" (1 page article) (printout from <a href="http://www.imakenews.com">www.imakenews.com</a> )
	"Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from <a href="http://www.bellinixray.com">www.bellinixray.com</a> )
	"ACTA CURING LIGHT" (2 pages) (printout from <a href="http://www.amadent.com">www.amadent.com</a> )
	"Laser Technology in Dentistry" (3 pages) (printout from <a href="http://dentistry.about.com">dentistry.about.com</a> )
	"Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Zag Dual Curing Light" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Vivalux II Cordless Polymerization Unit" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"VersaLux Cordless Curing Light" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Spectrum 800 Curing Unit" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Optilux 501 Polymerization Unit" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Optilux 500 Polymerization Unit" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Optilux 180 & 360 Polymerization Units" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Hilux 350 Curing Light" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Eplux Highlight Curing Light" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"Apollo 95E Curing Light" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )
	"ARC Light II" (2 pages) (printout from <a href="http://www.brooks.af.mil">www.brooks.af.mil</a> )

EXAMINER	DATE CONSIDERED
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Form PTO-1448

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional)

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Cao

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Group Art Unit

 JCE28 U.S. PTO  
10/022302


## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	"LumaLite Luma 8, LumaArch, LumaCure" (4 pages) (printout from www.luma-lite.com)
	"Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil)
	"LumaCure Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motold.com)
	Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701.
	"Accucure 3000" brochure (2 pages)
	"Accucure 1000" brochure (2 pages)
	"LaserMed AGD Show Special AccuCure 3000 Laser Show Special" flyer (1 page)
	"LumaCure" flyer (1 page).
	"ARC Light IIM" brochure (2 pages).
	"Introducing the ApolloLight wireless curing light" flyer (1 page).
	"Just Cure It" brochure (3 pages) (printed out from www.airtechniques.com)
	"Resin Curing Lights: What You Should Know", page 36 from Contemporary Esthetics and Restorative Practice, November, 2001.
	"Starlight Starlight p" flyer (1 page).
	"Exelite" flyer (1 page)
	"Epiar FreeLight" flyer (1 page).
	"Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page)
	"ZAP Dental Curing" flyer (1 page)
	"EXELITE" flyer (1 page)
	"Eliar FreeLight Curing Light" (2 pages) (printout from cms.3m.com)
	"Intraoral Resin Curing Lights - Update '96" excerpt from March 1996 CRA newsletter (2 pages).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial of citation considered, whether or not citation is in conformance with MPEP § 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Filing Date

Group Art Unit

 JCS20 U.S. PTO  
10/072302

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

- "Savings on Curing Lights from Lone Star Dental Corp.," including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Lilex (1 page) (printout from [www.denteqip.com](http://www.denteqip.com)).
- "LED Curing Light" from TOESCO Yoshida Teoi Engineering Co., Ltd. (October 2001).
- "Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Waveflight Curing Units Based on New LED Technology" (2 pages) (printout from [www.compoundsmiconductor.net](http://www.compoundsmiconductor.net)).
- "Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights).
- "Comparison to Other Curing Lights" (2 pages) (printout from [www.cranews.com](http://www.cranews.com)).
- "Curing Performance" (4 pages) (printout from [www.cranews.com](http://www.cranews.com)).
- "Technical Data" (3 pages) (printout from [www.cranews.com](http://www.cranews.com)).
- "Photographs" depicting Virtuoso curing light (printout from [www.cranews.com](http://www.cranews.com)).
- Caughman, et al., "In Vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 page).
- Bouschlicher, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation" (1 page).
- Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Filling Surface" (1 page).
- Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page).
- CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages).
- CRA Newsletter, "Resin Curing Light, Cordless" (2 pages).
- CRA Newsletter, "Visible Curing Lights" (4 pages).
- "Power PAC" (3 pages) (printout from [www.americandentaltech.com](http://www.americandentaltech.com)).
- "The PAC" (2 pages) (printout from [www.americandentaltech.com](http://www.americandentaltech.com)).
- "The Science of Curing" (8 pages) (printout from [www.lasermed.com](http://www.lasermed.com)).
- "The Accucure 1000" (2 pages) (printout from [www.lasermed.com](http://www.lasermed.com)).
- "The Accucure 3000" (2 pages) (printout from [www.lasermed.com](http://www.lasermed.com)).
- "RemoCure CL15" (1 page) (printout from [www.remedent.com](http://www.remedent.com)).

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